

Datasheet for ABIN190886
anti-DGAT1 antibody (Internal Region)[Go to Product page](#)

5 Images

Overview

Quantity:	100 µg
Target:	DGAT1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DGAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	DGAT1
Immunogen:	Peptide with sequence C-QNSMKPFKDM DYS, from the internal region of the protein sequence according to NP_036211.1.
Sequence:	QNSMKPFKDM DYS
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	DGAT1
Alternative Name:	DGAT1 (DGAT1 Products)
Background:	DGAT1, diacylglycerol O-acyltransferase homolog 1 (mouse) , ARGP1, DGAT , ACAT related gene product 1, acyl coenzyme A:cholesterol acyltransferase related gene 1, diacylglycerol O-acyltransferase 1, diglyceride acyltransferase
Gene ID:	8694, 13350, 84497
NCBI Accession:	NP_036211
Pathways:	Hormone Transport

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 3.75 µg/mL.</p> <p>Western Blot: Approx 55 kDa band observed in Mouse Liver lysates (calculated MW of 56.8 kDa according to NP_034176.1). Recommended concentration: 0.01-0.1.0 µg/mL. Primary incubation 1 hour at room temperature.</p> <p>Peptide ELISA: antibody detection limit dilution 1:64000.</p>
Comment:	<p>Immunofluorescence: Strong expression of the protein seen in the endoplasmic reticulum and cytoplasm of A431 cells. Recommended concentration: 10µg/ml.</p> <p>Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended</p>
Restrictions:	For Research Use only

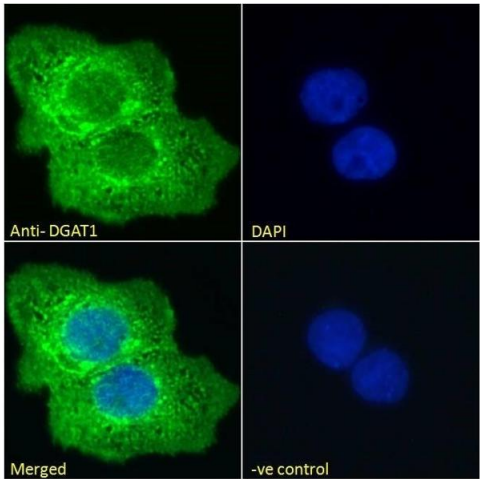
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunofluorescence

Image 1. ABIN190886 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing endoplasmic reticulum and cytoplasmic staining. Th



Image 2. ABIN190886 (0.5µg/ml) staining of human duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN190886 (0.03µg/ml) staining of Mouse Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN190886.